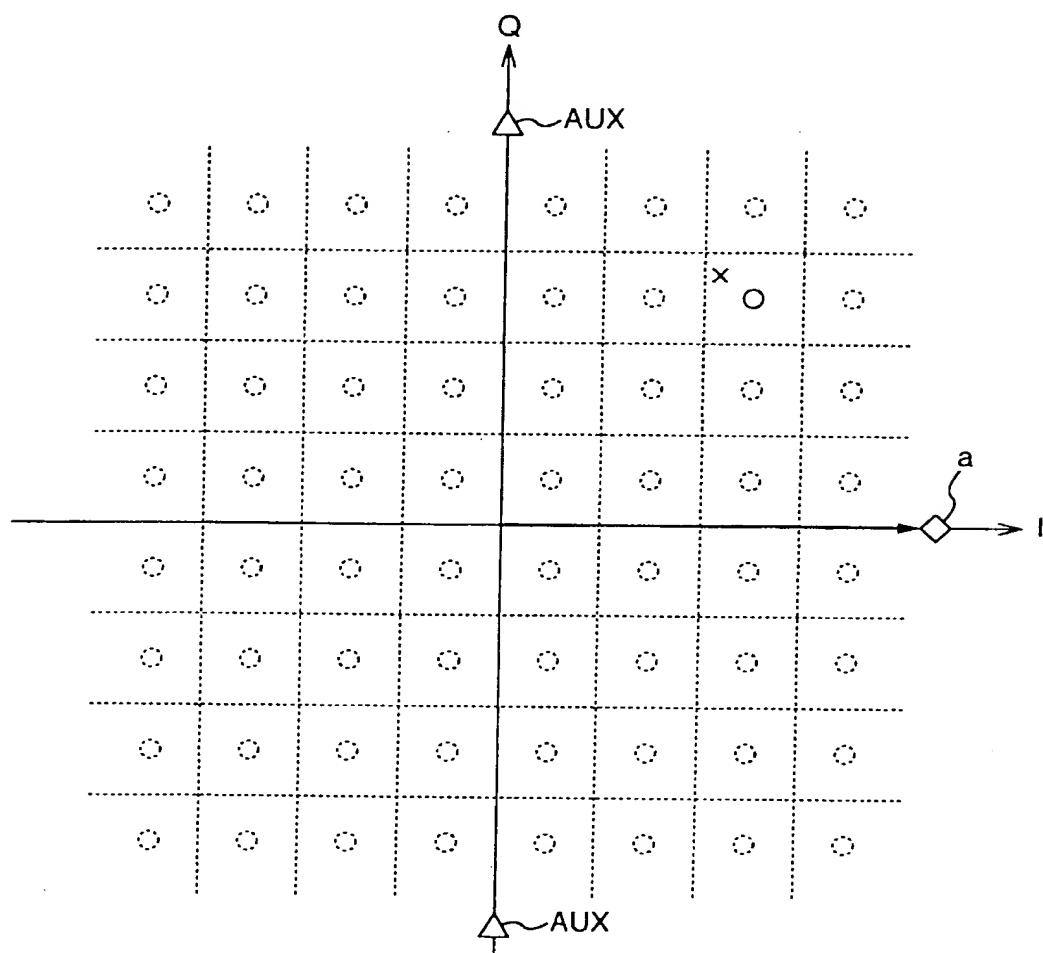




FIG.1



△ : SIGNAL POINT OF AUXILIARY SIGNAL

◊ : SIGNAL POINT OF PILOT SIGNAL

○ : SIGNAL POINT OF RECEIVED SIGNAL

× : MOVED SIGNAL POINT OF RECEIVED SIGNAL

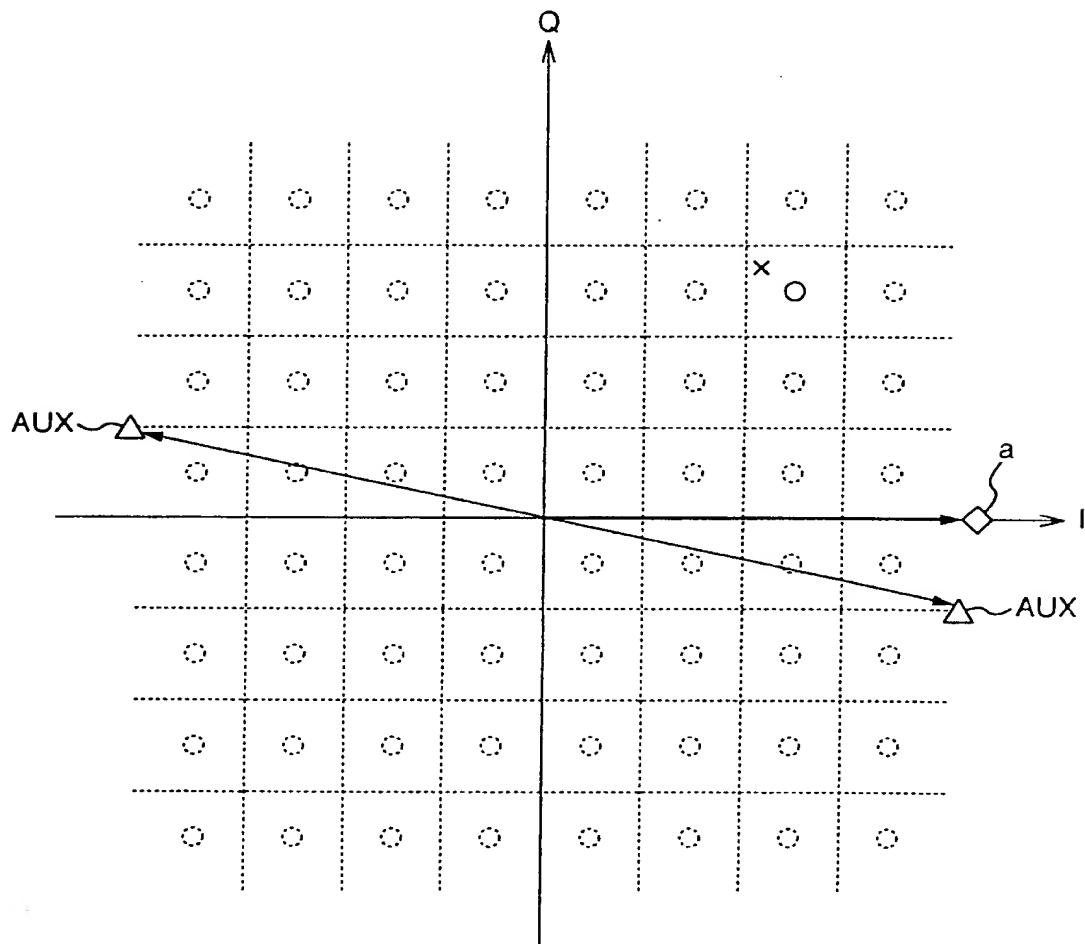
— I : I - AXIS

— Q : Q - AXIS



2/7

FIG.2

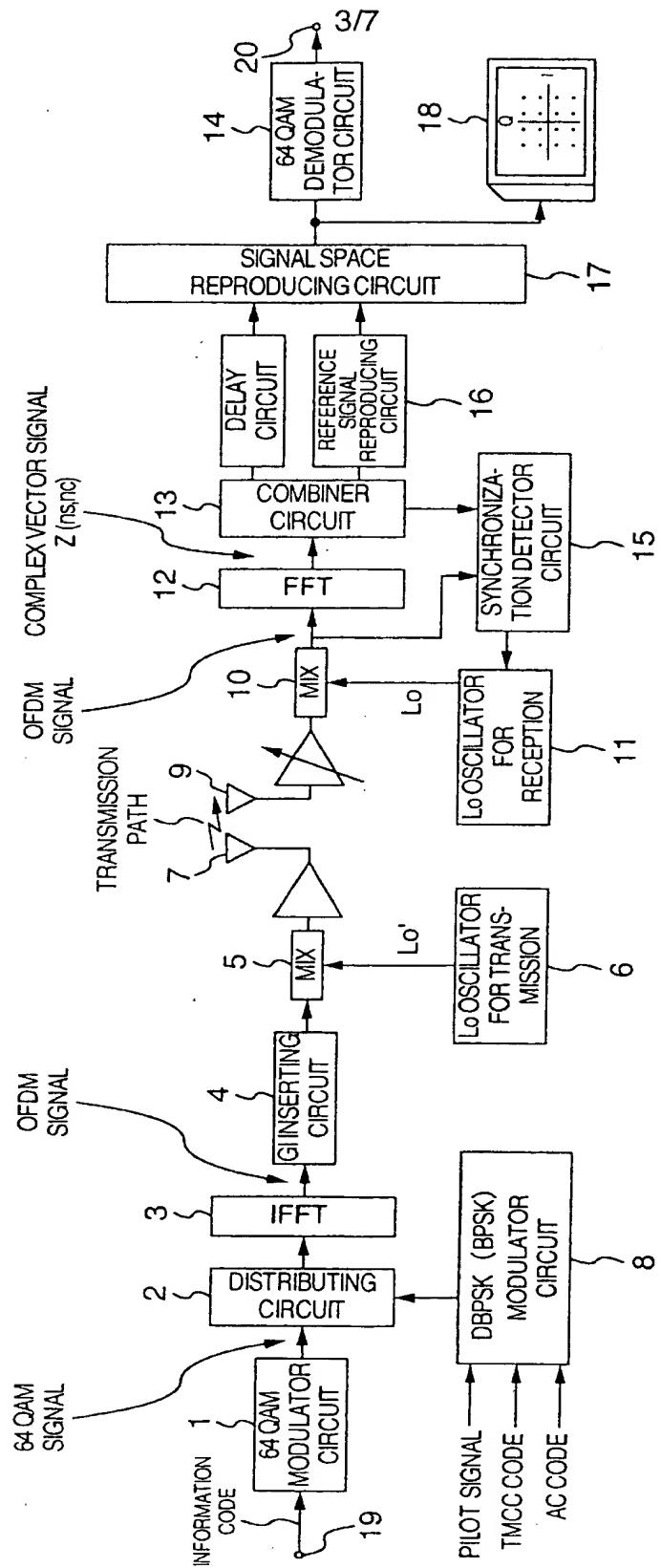


Replacement Sheet



FIG.3

TRANSMISSION APPARATUS



RECEPTION APPARATUS



Replacement Sheet

4/7

FIG.4

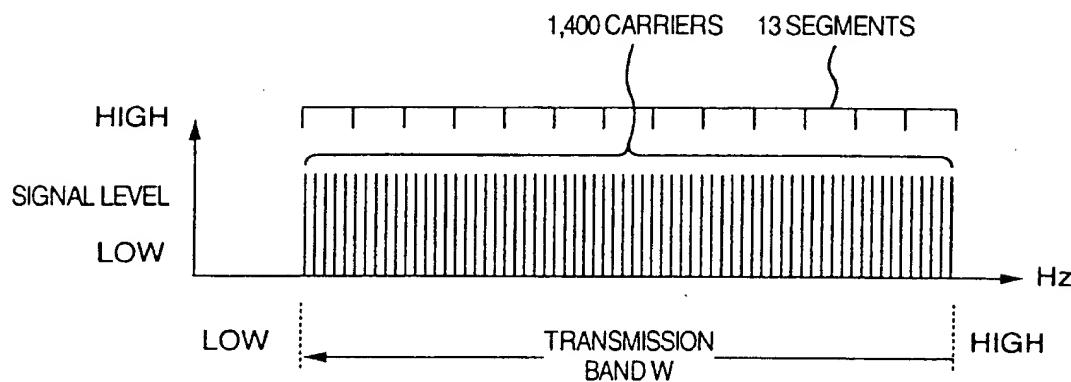


FIG.5 PRIOR ART

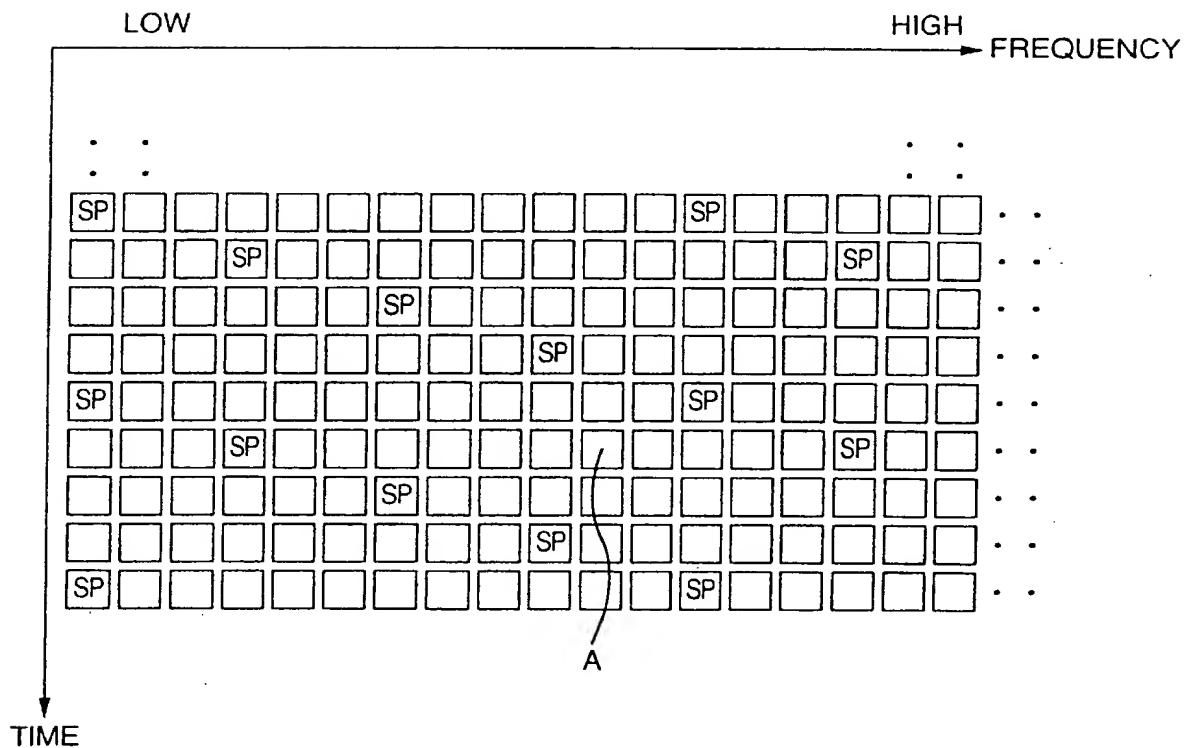
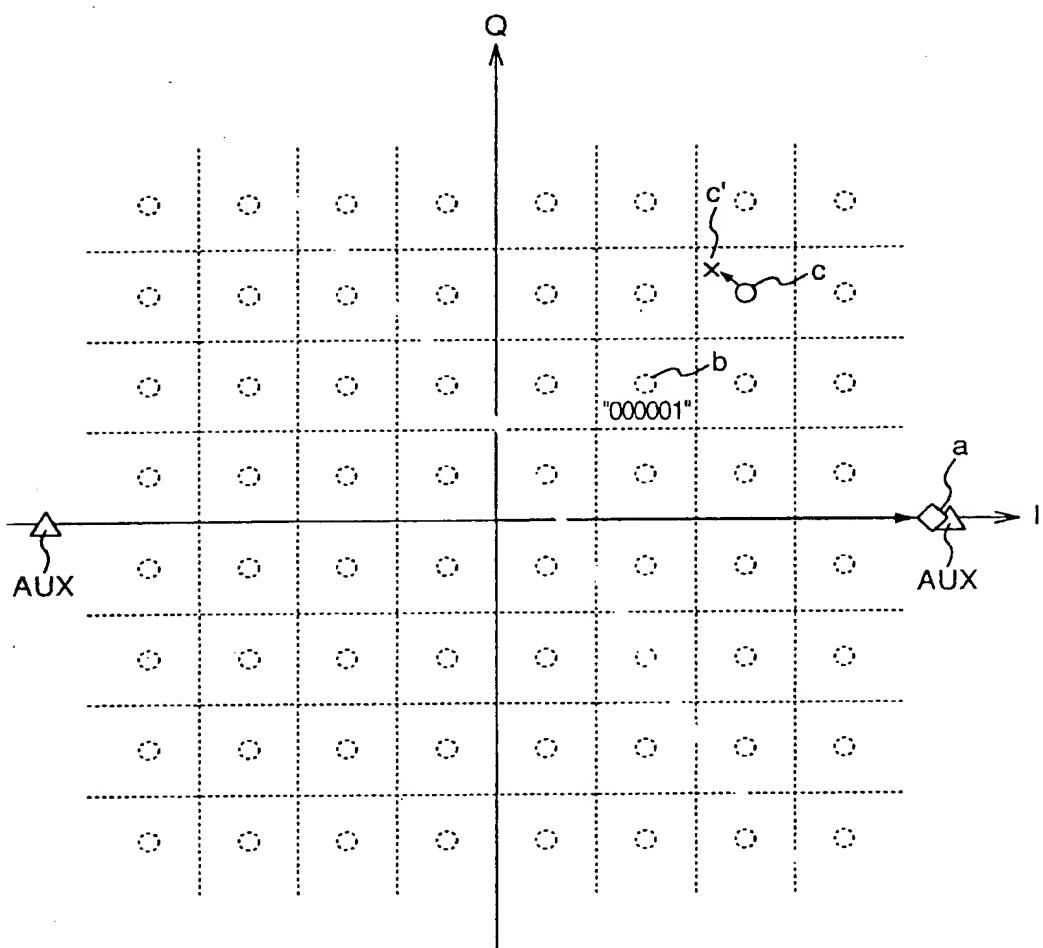
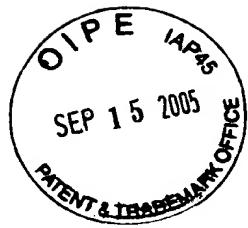




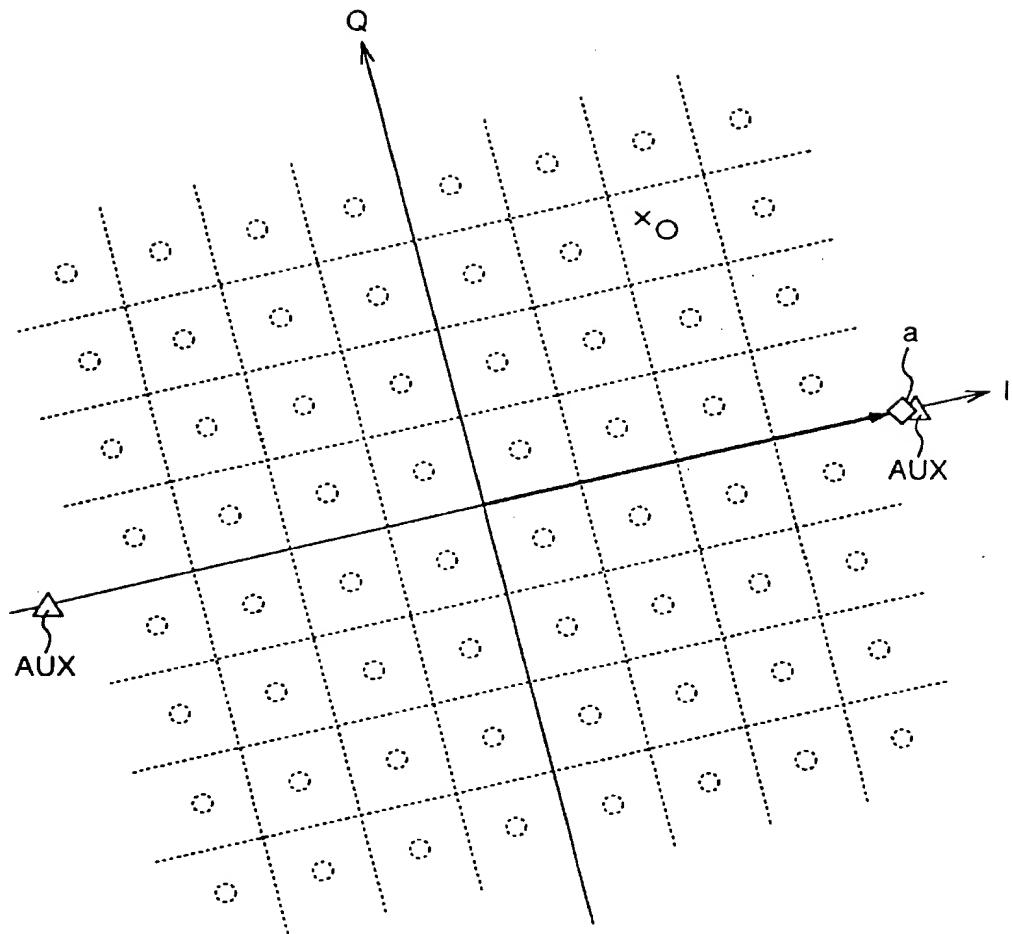
FIG.6
PRIOR ART





6/7

FIG.7





7/7

FIG.8

	POLAR- ITY	I-COMPONENT	Q-COMPONENT
ADDRESS FOR PILOT SIGNAL	0	+1100	0
	1	-1100	0
ADDRESS FOR AUXILIARY SIGNAL	0	0	+1100
	1	0	-1100